

Amendments to the Claims

The following listing of claims will replace all prior versions, and listing of claims in the application.

Listing of Claims:

Claims 1 - 29 (Cancelled).

Claim 30 (Original) A data communication method of a computer peripheral input system with two input types, said computer peripheral input system comprising a keyboard device, a digitizer tablet device including a plurality of pointing device and control means having a communication interface installed therein, said control means reading and processing input data of said keyboard device and said digitizer tablet device and storing them, the processed input data being sent to a computer host through said communication interface, said data communication method comprising:

proceeding handshaking action between said communication interface and said control means such that said communication interface detects respective identifier (ID) of said keyboard device and each of said pointing devices setting in said control means, and said communication interface providing a respective output address for each said respective identifier;

clearing and planning a data memory of said control means to provides a predetermined memory region in said data memory for storing input data corresponding to each said respective identifier (ID);

setting input data of said keyboard device as a first priority sent data of said communication/interface;

reading input data of said keyboard device and storing the input data in said corresponding predetermined memory region;

reading input data of said digitizer tablet device in sequence according to the order of said respective identifiers (ID) of said pointing devices and storing the input data in said predetermined memory regions corresponding to said respective identifiers of said pointing devices; and

polling input data stored in said control means by said communication interface; when there is input data of said keyboard device stored in said control means, said communication interface sends the input data through said output address corresponding to said respective identifier (ID) of said keyboard device, and returning to the step of reading input data of said keyboard device; when there is not input data of said keyboard device stored in said control means, said communication interface polls input data of said digitizer tablet device, when there is input data of said digitizer tablet device stored in said control means, said communication interface sends the input data of said digitizer tablet through said output addresses corresponding said respective identifiers (ID) of said pointing device to the computer host according to the order of said respective identifiers of said pointing devices, and returning to the step of reading input data of said keyboard device, when there is not input data of said digitizer tablet device stored in said control means, returning to the step of reading input data of said keyboard device.

Claim 31 (Original) The data communication method of claim 30, wherein said pointing devices comprises a cordless pen, a cordless mouse and a puck.

Claim 32 (Original) The data communication method of claim 30, wherein said control means comprises a micro-controller.

Claim 33 (Original) The data communication method of claim 30, wherein said communication interface comprises a universal serial bus interface (USB interface).

Claim 34 (Original) The data communication method of claim 33, wherein said universal serial bus interface (USB interface) has an endpoint 0 and an endpoint 1.